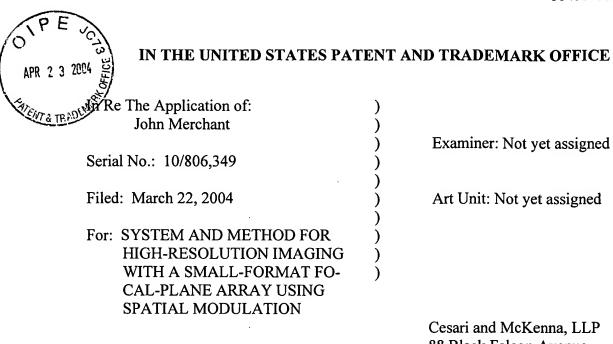
PATENTS 16435-0033U



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: John Merchant	) )
Serial No.: 10/806,349	) Examiner: Not yet assigned
Filed: March 22, 2004	) Art Unit: Not yet aggigned
For: SYSTEM AND METHOD FOR HIGH-RESOLUTION IMAGING WITH A SMALL-FORMAT FO- CAL-PLANE ARRAY USING SPATIAL MODULATION	Art Unit: Not yet assigned  Cesari and McKenna, LLP  88 Black Falcon Avenue  Boston, MA 02210  April 23, 2004
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## **INFORMATION-DISCLOSURE STATEMENT**

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicant wishes to bring to the Examiner's attention the references listed on the accompanying form PTO-1449. A copy of each listed reference is enclosed.

To the extent required by 37 C.F.R. §1.98(a)(3), Applicant has described what he considers to be the relevance of any foreign-language reference. The Office may find additionally relevant material in these or other references.

Please charge any additional fee occasioned by this paper to our Deposit Account No. 03-1237.

Respectfully submitted,

William A. Loginov

Reg. No. 34,863

CESARI AND MCKENNA, LLP

88 Black Falcon Avenue

Boston, MA 02210-2414

(617) 951-2500

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INFO	ORA TION	DIC	CLOSURE	Application Number	10/806,349
				Filing Date	March 22, 2004
SIAII	FWENIBA	A	PPLICANT	First Named Inventor	John Merchant
				Group Art Unit	Not yet assigned
(0	use as many shee	ets as	necessary)	Examiner Name	Not yet assigned
Sheet	1	of	1	Attorney Docket Number	16435-0033U

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
-	1	Merchant, J. and R. Fedors, "The Spatial Modulation Staring Sensor", Proceedings of IRIS Specialty Group on Passive Sensor, 3-7 March 1997				
	2	Merchant, J., "Spatial Modulation Infrared Staring Sensor", Air Force Rome Laboratory Technical Report No. RL-TR-97-74, April 1997.				
	3	Merchant, J., F.J. Tannarilli, S.H. Jones and H.E. Scott, "Staring IR Spatial Modulation Sensor (SIRSMS): Large-Format Performance from Small-Format IR Focal Plane Arrays", Proc. Military Sensing Symposia Specialty Group on Passive Sensors, 2003.				
	4	Petersen, K.E., "Mocromechanical Light Modulator Array Fabricated on Silicon", Appl. Phys. Lett. vol. 31, 521, 1977.				
	5	Hornbech, L.J., "Deformable-Mirror Spatial Light Modulators", Proceedings of SPIE vol. 1150, 1989.				
·	6	Warde, C. et al., "Membrane Mirror Light Modulator Technology", Proceedings of SPIE vol. 3951, 2000.				
	7	Patent Disclosure, "Spatial Modulation Staring Sensor", May 1, 1997.				
	8	Flannarilli, H. Scott, Presentation: "Effectiveness Demonstrated with SIRSMS Brassboard Sensor", presented on March 22, 2002 at the BMD Passive EO/IR Sensing Workshop.				
	9	Merchant, J., "Spatial Modulation Sensor: More Pixels for Free", Prepared for MDA Passive EO/IR Workshop, 20-22 March 2002.				

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.